

Datasheet for ABIN7112155 **anti-CALB1 antibody**



[Go to Product page](#)

Overview

Quantity:	100 µg
Target:	CALB1
Reactivity:	Human, Rat, Mouse
Host:	Rabbit
Clonality:	Polyclonal
Conjugate:	This CALB1 antibody is un-conjugated
Application:	Western Blotting (WB), Immunohistochemistry (IHC), ELISA, Immunoprecipitation (IP), Immunofluorescence (IF)

Product Details

Immunogen:	calbindin 1, 28kDa
Isotype:	IgG
Purification:	Immunogen affinity purified
Purity:	≥95 % as determined by SDS-PAGE

Target Details

Target:	CALB1
Alternative Name:	Calbindin (CALB1 Products)
Background:	Synonyms: CAB27, CALB, CALB1, Calbindin, calbindin 1, 28 kDa, Calbindin D28, D 28K Background: Calbindin-D28k is a member of the calcium-binding protein superfamily that includes calmodulin and troponin C. It is a cytosolic calcium binding protein highly expressed in

Target Details

the distal tubule, intestines, central nervous system, primary murine osteoblast cells and in several other organs. It plays an important role in the intracellular calcium homeostasis, its strong buffering capacity prevents cytotoxic effect of high concentration of free calcium in kidney, brain, pancreas, and intestine.

Molecular Weight:	30kd
UniProt:	P05937

Application Details

Application Notes:	WB: 1:500-1:2000, IP: 1:500-1:2000, IHC: 1:50-1:500, IF: 1:50-1:500
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	PBS with 0.02 % sodium azide and 50 % glycerol pH 7.3,
Preservative:	Sodium azide
Precaution of Use:	This product contains Sodium azide: a POISONOUS AND HAZARDOUS SUBSTANCE which should be handled by trained staff only.
Storage:	-20 °C
Storage Comment:	-20°C for 12 months (Avoid repeated freeze / thaw cycles.)
Expiry Date:	12 months